Mississippi

Science and Engineering Profile							
Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 1999[1]	2,880	518,670	36	Total R&D performance, 1999 (millions)	$476	$231,832	39
Doctoral engineers, 1999[1]	620	107,100	33	Industry R&D, 1999 (millions)	$114	$177,171	45
S&E doctorates awarded, 2000[1]	168	25,979	35	Academic R&D, 1999 (millions)	$153	$27,038	37
of which, in life sciences	36%	26%		of which, in life sciences	50%	57%	
in psychology	21%	14%		in engineering	22%	15%	
in physical sciences	14%	13%		in physical sciences	9%	9%	
S&E postdoctorates, 2000[1]				Public higher education current-fund			
in doctorate-granting institutions	90	41,548	39	expenditures, 1997 (millions)	$1,490	$125,236	31
S&E graduate students, 2000[1]				Number of SBIR awards, 1995-2000	41	26,424	42
in doctorate-granting institutions	3,064	435,612	36	Patents issued to state residents, 2000	182	85,068	42
Population, 2000 (thousands)	2,845	285,231	32	Gross state product, 1999 (billions)	$64	$9,369	34
Civilian labor force, 2000 (thousands)	1,326	142,172	32	of which, agriculture	3%	1%	
				manufacturing, mining, construction	26%	22%	
Personal income per capita, 2000	$20,856	$29,451	51	transportation, communication, utilities	9%	8%	
				wholesale and retail trade	17%	16%	
Federal spending				finance, insurance, real estate	11%	19%	
Total expenditures, 2000 (millions)	$18,358	$1,615,468	30	services	17%	21%	
R&D obligations, 1999 (millions)	$352	$73,718	29	government	16%	12%	

NOTE: Rankings and totals are based on data for the 50 States, District of Columbia, and Puerto Rico. Reliability of the estimates of industry R&D and of doctoral scientists and engineers varies by State, because the sample allocation was not based on geography. The rankings do not take into account the margin of error of estimates from sample surveys.

[1]Data on graduate students, doctoral scientists and engineers, and postdoctorates include all graduate degree (except M.D.) candidates and recipients in S&E fields, including health fields. Data on S&E doctorates awarded do not include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1999								
	Performer							
	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank, total
Agency	[In thousands of dollars]							
Total, all agencies	351,571	196,245	0	77,026	69,270	5,760	3,270	29
Department of Agriculture	71,827	49,899	0	0	20,885	1,043	0	5
Department of Commerce	10,297	9,727	0	0	421	149	0	16
Department of Defense	155,593	102,629	0	41,548	11,409	0	7	25
Department of Energy	1,723	0	0	86	1,637	0	0	44
Dept. of Health & Human Services	14,848	0	0	215	14,633	0	0	46
Department of the Interior	8,010	7,157	0	111	112	570	60	30
Department of Transportation	3,088	0	0	0	110	0	2,978	36
Environmental Protection Agency	640	0	0	460	180	0	0	40
National Aeronautics and Space Admin.	73,750	26,833	0	34,356	8,338	3,998	225	13
National Science Foundation	11,795	0	0	250	11,545	0	0	44
State rank, total	29	16	na	29	35	32	35	na

NOTE: Federal R&D obligations are as reported by funding agencies. Ranks and totals are based on data for the 50 States, District of Columbia, and Puerto Rico.

KEY: FFRDC = federally funded research and development center; SBIR = small business innovation research; na = not applicable.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources -- see the section, "Data Sources for Science and Engineering (S&E) State Profiles".